



## Capital Construction Equipment

8 Catherine Crescent  
 (PO Box 1277)  
 Lavington NSW 2641

T: 02 6025 0444  
 F: 02 6025 0744  
 www.capitalconstruction.com.au



ABN 89 292 421 969 ACN 124557 679

	<h3 style="text-align: right;">Tax Invoice</h3>							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"><b>Serial #</b></td> <td style="width: 25%;">DS01586</td> <td style="width: 15%;"><b>Hours</b></td> <td style="width: 45%;">2016</td> </tr> </table>	<b>Serial #</b>	DS01586	<b>Hours</b>	2016	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><b>QTY.</b></td> <td style="width: 25%;"><b>UNIT</b></td> <td style="width: 50%;"><b>AMOUNT.</b></td> </tr> </table>	<b>QTY.</b>	<b>UNIT</b>	<b>AMOUNT.</b>
<b>Serial #</b>	DS01586	<b>Hours</b>	2016					
<b>QTY.</b>	<b>UNIT</b>	<b>AMOUNT.</b>						

**Customer complaint:**

- FINER MOVEMENT OF MACHINE NOT VERY GOOD. MACHINE SOMTIMES MOVES WITHOUT BEING COMMANDED VIA JOYSTICK
- MACHINE APPEARS TO OVERHEAT
- COMPLETE FULL CHECK OVER OILS, FLUIDS
- CHECK ALL PINS AND BUSHES
- QUOTE ALL REPAIRS NEEDED
- CHECK FAULT CODES

**Correction:**

Inspected RT120, found engine dusted. Washed clear of all mud & debris around engine & engine bay. Put RT120 onto hoist & removed underbody plates.

Removed all rear components, radiator & fan, engine wiring. Lifted cab to remove bell housing bolts to split engine from pumps. Took off engine mounts & old ECM. Drained hydraulic oil.

Strapped engine to take weight off pump & lifted out of machine. Cleaned down engine bay thoroughly. All parts removed off old engine and fitted to new. Sump swapped around & hard pipes were fitted, as well as bell housing/coupler. Torqued all bell housing bolts. New engine fitted with new mounts & meshed with pump. All wiring & parts fitted to engine. Fitted new ECM. Refitted radiator & fan. Flushed radiator. Refitted covers. Checked levels of all fluids & oils & topped up as required. Test operated machine. Found slight leak from oil cooler hose & radiator pipe. Rectified leaks. Tested machine. Found a/c not getting cool. Condensor found to be full of rocks & RH fan dead. Cleaned all fins and installed new fan. Found gas leaking from missing o-ring on compressor pipe, rectified. Cummins checked over engine, all ok.

Carried out service& overall inspection. Recommend upgrading tracks.

-Hour meter showing as 6 hours, unable to be updated in ECM

<h3>EFT Banking Details</h3>	
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Refrigerant handling licence AU55975



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					QTY.	UNIT	AMOUNT.
	Serial #	DS01586	Hours	2016			

Cooling System Flush	1.00	95.03	95.03
KSPEBEACON MAGNETIC LED	1.00	89.76	89.76
AFABPENRITE RED HD LONGLIFE EC01 COOLANT (PREMIX) 1L	10.00	6.98	69.80
2095-KNOB PERRIN HVAC CONTROL	1.00	21.90	21.90
S-080SHIM 80MM OD X 45MM ID X 3MM THICK	8.00	8.10	64.80
S-105SHIM 105MM OD X 65MM ID X 1.6MM THICK	4.00	8.06	32.24
2075-CAB FILTER	1.00	99.71	99.71
S-080SHIM 80MM OD X 45MM ID X 1.6MM THICK	2.00	6.44	12.88
S-105SHIM 105MM OD X 60MM ID X 1.6MM THICK	2.00	7.42	14.84
S-105SHIM 105MM OD X 60MM ID X 3MM THICK	2.00	9.52	19.04
56521PERMATHEX HIGH PERFORMANCE THREAD SEALANT 50ML	1.00	16.63	16.63
WASHER HOSE AND JOINER (BURSONS)	1.00	40.00	40.00
RADIATOR FLUSH	1.00	15.00	15.00
2096-ENGINE CUMMINS QSF3.8T4F	1.00	21,700.00	21,700.00
4645015W40 DH-2 ENGINE OIL 1L	12.00	9.02	108.24
60228ISO 46 HYDRAULIC OIL 1L	45.00	7.96	358.20
GREAMULTI-PURPOSE EP GREASE	1.00	12.00	12.00
AFABPENRITE RED HD LONGLIFE EC01 COOLANT (PREMIX) 1L	15.00	6.98	104.70
Fuel Charge	20.00	2.09	41.82
8102-CAPSCREW,HH,5/8-11UNCx3.00,GD8	4.00	5.63	22.51
0201-MOUNT,MOTOR,RUBBER	4.00	75.66	302.65
0201-WASHER,MNT,MOTOR EX USA	4.00	11.60	46.40
8040-NUT,HEX,NYLOCK,5/8-11 UNC,ZN	6.00	1.09	6.55
0090-CAP SCREW EX USA	8.00	1.19	9.53

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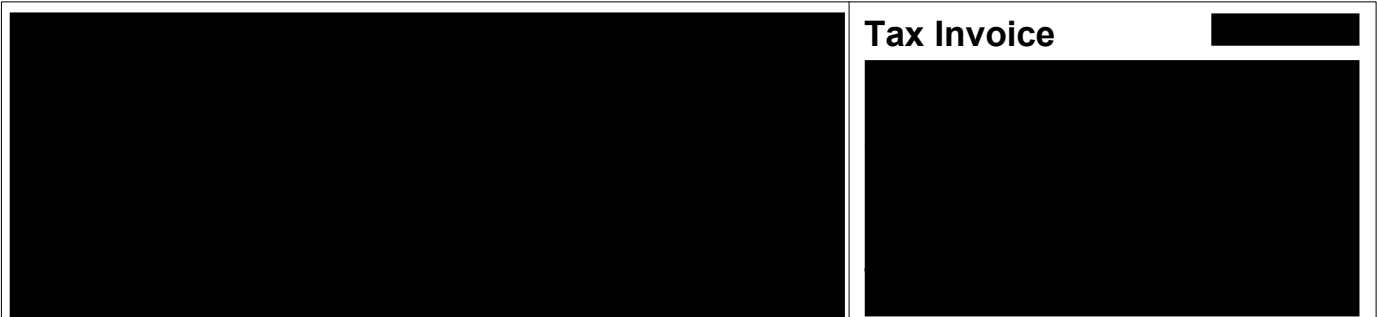
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	Serial #	DS01586	Hours	2016	QTY.	UNIT	AMOUNT.
0201-WASHER,SPRING,LOCK,12MM					8.00	0.45	3.64
2045-CAPSCREW FERRY M10 X 1.5 X 25M					4.00	18.87	75.49
0090-WASHER .402 X .728 X .098 HARD					20.00	0.47	9.45
2096-TUBE INTAKE CHARGE					1.00	222.25	222.25
0090-CAPSCREW, FERRY, M10 X 1.5 X EX USA					2.00	13.15	26.29
CXS4AC COMPRESSOR SD7H15					1.00	956.00	956.00
2035-CAPSCREW SOCKET HD 3/8-16 X 1					8.00	2.87	22.96
2095-COUPLER PUMP 21 TOOT EX USA					1.00	494.10	494.10
0310-CAPSCREW,HH,M10X1.5X35,ZINC					12.00	1.66	19.96
24250PERMATEx MEDIUM STRENGTH THREADLOCKER BLUE 50ML					1.00	33.75	33.75
2096-BELT SERPENTINE 100.5 (8PK2554)					1.00	147.63	147.63
HS01(HOSE CLAMP 14-27MM					4.00	4.00	16.00
MH00HOSE CLAMP 6-16MM					1.00	4.00	4.00
MH00HOSE CLAMP 11-22MM					3.00	4.00	12.00
HS02(HOSE CLAMP 21-44MM					1.00	4.00	4.00
AF55(AIR FILTER OUTER (3030-302)					1.00	163.65	163.65
AF55(AIR FILTER INNER (3030-303)					1.00	152.30	152.30
5/8" HEATER HOSE X 0.5M					1.00	7.06	7.06
GREAGREASE NIPPLE					2.00	3.00	6.00
2096-PIN UPPER TILT CYLINDER					2.00	82.33	164.66
2030-BUSHING TOP TILT CYLINDER					2.00	80.94	161.88
2040-PIN 1.5 DIA X 6" LONG HITCH					4.00	112.26	449.04
0003-BUSHING 1.5 ID X 2" OD LOWER TILT					2.00	131.96	263.92
0201-BUSHING 1.5 ID X 2 OD X 3" LONG LOWER HITCH					2.00	84.18	168.36
UPPER TILT CYLINDER PINS AND BUSHES EX NEWCASTLE REST IN STOCK							

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					<b>Tax Invoice</b>			
					SY			
Rego #	TOBCO	Serial #	ASVRT120E	Hours	38	QTY.	UNIT	AMOUNT.

Customer complaint:

COOLANT LEAK FROM ENGINE & ADBLUE FALUT CODES

Cause:

DEF In tank combination sensor malfunctioning

FAULTY RADIATOR CAP

Correction:

REPLACED RADIATOR CAP

Connect laptop and download ECM Image

Check fault codes, found 3866 active

Carry out troubleshooting

Find malfunctioning DEF In tank combination sensor

Remove and replace in tank combination sensor

Reset fault codes

Run engine

Clear fault code 3714

Return machine to service

56521PERMATEX HIGH PERFORMANCE THREAD SEALANT 50ML	1.00	20.48	20.48
ABVICNEW HOLLAND ADBLUE 20L	1.00	67.09	67.09
0304--RADIATOR CAP	1.00	37.96	37.96
Sublet Repair- CUMMINS PARTS AND LABOUR	1.00	10,637.80	10,637.80

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Rego #	TOBCO	Serial #	ASVRT120Eh	Hours	38	QTY.	UNIT	AMOUNT.

Total Labour

1,537.60

EFT Banking Details			
CAPITAL CONSTRUCTION EQUIPMENT PTY LTD		Subtotal	12,300.93
Account Number: 871651001	BSB Number: 082406	Add GST	1,230.10
		<b>Total</b>	<b>13,531.05</b>

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